

Hakan Tongal

List of Publications by Year in Descending Order

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Version: 2024-04-29

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

319
citations

8
h-index

14
g-index

14
ext. papers

389
ext. citations

3.9
avg, IF

4.43
L-index

#	Paper	IF	Citations
14	Forecasting rainfall using transfer entropy coupled directed weighted complex networks. <i>Atmospheric Research</i> , 2021 , 255, 105531	5.4	2
13	Comparison of local and global approximators in multivariate chaotic forecasting of daily streamflow. <i>Hydrological Sciences Journal</i> , 2020 , 65, 1129-1144	3.5	5
12	Spatiotemporal analysis of precipitation and extreme indices in the Antalya Basin, Turkey. <i>Theoretical and Applied Climatology</i> , 2019 , 138, 1735-1754	3	6
11	Entropy analysis for spatiotemporal variability of seasonal, low, and high streamflows. <i>Stochastic Environmental Research and Risk Assessment</i> , 2019 , 33, 303-320	3.5	5
10	Simulation and forecasting of streamflows using machine learning models coupled with base flow separation. <i>Journal of Hydrology</i> , 2018 , 564, 266-282	6	103
9	Impact of complexity on daily and multi-step forecasting of streamflow with chaotic, stochastic, and black-box models. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017 , 31, 661-682	3.5	22
8	Quantification of parametric uncertainty of ANN models with GLUE method for different streamflow dynamics. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017 , 31, 993-1010	3.5	15
7	Cross-entropy clustering framework for catchment classification. <i>Journal of Hydrology</i> , 2017 , 552, 433-446	4.6	14
6	Analysis of dam-induced cyclic patterns on river flow dynamics. <i>Hydrological Sciences Journal</i> , 2017 , 62, 626-641	3.5	18
5	A Comparison of Nonlinear Stochastic Self-Exciting Threshold Autoregressive and Chaotic k-Nearest Neighbour Models in Daily Streamflow Forecasting. <i>Water Resources Management</i> , 2016 , 30, 1515-1531	3.7	2
4	Phase-space reconstruction and self-exciting threshold modeling approach to forecast lake water levels. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014 , 28, 955-971	3.5	19
3	Seasonality of low flows and dominant processes in the Rhine River. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013 , 27, 489-503	3.5	36
2	Comparison of Recurrent Neural Network, Adaptive Neuro-Fuzzy Inference System and Stochastic Models in Eřdir Lake Level Forecasting. <i>Water Resources Management</i> , 2010 , 24, 105-128	3.7	72
1	Transfer entropy coupled directed weighted complex network analysis of rainfall dynamics. <i>Stochastic Environmental Research and Risk Assessment</i> , 2010 , 24, 105-128	3.5	72